

Abstract of the Disclosure

An image pickup apparatus having function for synthesizing image signals corresponding to a plurality of frames of different exposure amounts to generate wide dynamic range, synthesized image is provided with: at least two control means among a taking control means based on a normal taking mode, a taking control means based on a forced wide dynamic range taking mode, and a taking control means based on an automatic wide dynamic range taking mode for selectively generating wide dynamic range, synthesized image automatically on the basis of object information or information set for the image taking; and means for selectively setting one image taking mode out of the taking modes respectively corresponding to the two control means.

It is thereby possible to take image by selecting one image taking mode from at least two taking modes among the normal taking mode, the forced wide dynamic range taking mode, and the automatic wide dynamic range taking mode.

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